

**Amendments to the Claims:**

Please amend the claims to read as follows. This listing of claims replaces all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently amended) A method for synchronizing a first artifact and a second artifact, the first and second artifacts being interdependent and ~~concurrently~~ each artifact being modified independent of a modification to the other artifact after a last synchronization, the first and second artifacts each having a plurality of elements and being of different formats, the method comprising:

performing a reverse engineering operation to generate a temporary artifact having all the elements of a last synchronized version of the first artifact and having all the elements of a latest version of the second artifact transformed as the first artifact;

merging the temporary artifact and a latest version of the first artifact to create a synchronized version of the first artifact; and

performing a forward engineering operation to generate a synchronized version of the second artifact having all the elements of the latest version of the second artifact and having all the elements of the synchronized version of the first artifact transformed as the second artifact.

2. (Original) The method of claim 1 wherein one of the first and second artifacts is a software model artifact and the other of the first and second artifacts is a code artifact.

3. (Previously presented) The method of claim 2 wherein the software model artifact is a Unified Modeling Language file.
4. (Previously presented) The method of claim 2 wherein the code artifact is a third-generation language source file.
5. (Canceled)
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